

Recent GRACE-Enabled Hydrologic Research and Applications

Matt Rodell
NASA Goddard Space Flight Center, USA

Jay Famiglietti
UC Irvine, USA

This presentation will describe recent hydrology research and applications which make use of GRACE data. These include the following: 1) water balance estimates of evapotranspiration over several large river basins; 2) a summary of NASA's Energy and Water Cycle Study (NEWS) state of the global water budget project; 3) drought indicator products now being incorporated into the U.S. Drought Monitor; 4) new GRACE data assimilation results over several regions.